Toshiba recommends Windows 8.

	Satellite C50-A0113
Processor	3rd generation Intel® Core™ i3-3110M Processor . clock speed : 2.40 GHz. 3rd level cache : 3 MB.
Operating system	**Windows 8 Single Language 64-bit (pre-installed).**
Design Colour	colour : Matt black finish with hairline pattern, black keyboard.
System memory	standard : 4,096 MB. maximum expandability : 16,384 MB. technology : DDR3 RAM (1,600 MHz) .
Hard disk	capacity : 500 GB. drive rotation : 5,400 rpm.
DVD Super Multi drive (Double Layer)	compatibility : CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-R(DL), DVD-RW, DVD+R, DVD+R(DL), DVD+RW, DVD-RAM . maximum speed : Read: 24x CD-ROM, 8x DVD-ROM/ Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 16x US CD-RW, 8x DVD-R, 6x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 6x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM . Slim DVD Super Multi (Double Layer) drive .
Display	size : 39.6cm (15.6") . Toshiba TruBrite® HD TFT High Brightness display with 16 : 9 aspect ratio and LED backlighting . internal resolution : 1,366 x 768 .
Graphics adapter	Intel® HD Graphics 4000 . memory amount : up to 1,771 MB shared memory with 4 GB system memory installed, and up to 1,792 MB with 6 GB system memory, (with pre-installed 64-bit operating system). memory type : shared .
Internal video modes	resolution : 1,366 x 768 .
Max. external video modes	max. resolution : 2,048 x 1,536 . max. refresh rate : 100 Hz. non-interlaced resolution with max. refresh rate : 1,600 x 1,200 .
Interfaces	1 x external microphone . 1 x external monitor . 1 x HDMI-out supporting 1080p signal format . 1 x headphone (stereo) . 1 x Multi-Card Reader (supports SD™ Card up to 2 GB, miniSD™/microSD™ Card with adapter up to 2 GB, SDHC™ Card up to 32 GB, SDXC™ Card up to 64 GB and MultiMedia Card™ up to 2 GB) . 1 x RJ-45 . 2 x USB 2.0 . 1 x USB 3.0 . 1 x integrated 0.9MP HD Web Camera (1,280 x 720) with built-in microphone.
Expansion	2 x memory slots .
Wireless communication	Wireless Technology : Bluetooth® 4. + LE. Compliancy : Wi-Fi® . Network Support : 802.11b/g/n (up to 150 Mbps). Wireless Technology : Wireless LAN .
Wired communication	topology : Fast Ethernet LAN . speed : 10BASE-T/100BASE-TX . connector : RJ-45 .
Keyboard	keys : 102 . Windows keys : Yes . special features : Flat matt black keyboard and 10-digit numeric keypad .
Pointing device	Touchpad with multi-touch control supporting various scroll, zoom and launch functionalities at your fingertips. .
Battery	technology : lithium-ion, 6 cell. maximum life : up to 3h30min (Mobile Mark™ 2012).
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage . output voltage : 19 V. output current : 3.42 A.
Physical dimensions	W x L x H : 380.0 x 242.0 x 30.8 (front) / 33.35 (rear) mm. weight : starting at 2.3 kg.
Sound system	speakers : built-in stereo speaker, enhanced by DTS® Sound™. volume dial : by hot key function.
Warranty	1 year international Carry-in. Toshiba also offers a large range of services to upgrade your standard warranty, please have a look at our website http://www.toshibamea.com/servicesolutions to find the right service for your product. .
Bundled hardware	AC adapter .
Bundled software	DTS® Sound .Microsoft® Office 2013 (1 month trial for new Microsoft® Office 365 customers) .McAfee® Internet Security (includes complimentary 30 day subscription) .TOSHIBA Desktop Assist .TOSHIBA Display Utility .TOSHIBA Eco Utility™ .TOSHIBA Function Key .TOSHIBA Media Player by sMedio TrueLink+ .TOSHIBA PC Health Monitor .TOSHIBA System Settings .
Security features	user password .supervisor password .HDD password on request .slot for Kensington Cable Lock .

Special features	HD Audio supporting .SM BIOS compliant .ENERGY STAR qualified computer .Enhanced Intel® SpeedStep® Technology .
Casework	polycarbonate ABS .

CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modelling software and in areas with low air pressure at high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer may automatically shutdown as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your computer only under recommended conditions. Please read detailed restrictions in the product resource guide, via the Toshiba web site at www.computers.toshiba-europe.com and/or contact Toshiba Technical Support. - Graphics processor unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilized. - Part of the main system memory may be used by the graphics system and therefore reduce the amount of main system memory available. - For PCs configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration. - For information about upgrading your system memory please refer to the user manual or contact your local Toshiba service provider. - One GB means one billion bytes, accessible capacity may be less. - Wired and wireless communication capabilities to be applied in countries where approved. - Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba web site at www.computers.toshiba-europe.com. - Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. - Weight may vary depending on product configuration, vendor components, manufacturing variability, and options selected. - Please check your system specifications to ensure optimal results. - Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis. - Performance may vary depending on product model, configuration, video content format settings as well as the performance variations of individual hardware components. Results were achieved on select models and configurations tested by Toshiba at the time of publication.

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